

CLAIM AMENDMENTS

Please replace the pending claims with the following claim listing:

1-12. (Cancelled)

13. (New) A method of production of stratified, differentiated mammalian urothelium in which urothelial cells, isolated from the mammalian body, are passaged through a nutrient medium containing the components of serum and redispersed before going on in a like medium to form said urothelium.

14. (New) The method of claim 13 wherein the mammalian urothelium is human urothelium.

15. (New) The method of claim 13 in which the serum is bovine serum.

16. (New) The method of claim 15 in which the serum is adult bovine serum.

17. (New) The method of claim 13 in which the concentration of the components of serum as a proportion of the final volume of nutrient medium is between about 1% and about 30% related to the concentration of said components in whole serum.

18. (New) The method of claim 13 in which the concentration of the components of serum as a proportion of the final volume of nutrient medium is between about 3% and about 10% related to the concentration of said components in whole serum.

19. (New) The method of claim 13 wherein the concentration of the components of serum as a proportion of the final volume of nutrient medium is between about 4% and about 6% related to the concentration of said components in whole serum.

20. (New) The method of claim 13 wherein the nutrient medium is, or is a derivative of, MCDB-153 medium.

21. (New) The method of claim 13 wherein the nutrient medium is KSFM (Keratinocyte Serum Free Medium).

22. (New) The method of claim 13 wherein the nutrient medium is supplemented by one or more of Epidermal Growth Factor (EGF); Bovine Pituitary Extract (BPE); Cholera Toxin (CT).

23. (New) Urothelium produced by the method of claim 13.